

ASSOCIAZIONE ITALIANA DI  
ECONOMIA AGRARIA E APPLICATA

11th AIEAA Congress  
CAP, Farm to Fork and Green Deal:  
policy coherence, governance and future challenges  
16<sup>th</sup> – 17<sup>th</sup> June 2022, Viterbo




**A comparative analysis of the role of the  
forestry sector in the National Recovery and  
Resilience Plans**

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23/06/22

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**OUTLINE**

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## INTRODUCTION

- Covid-19 pandemic constrained global economy in forcing countries to **innovate** and develop **approaches** to cope with the situation.
- European Union (EU) is making significant efforts to support the **recovery process** after the Covid-19 pandemic.
- EU suggest the **direction** for a greener, healthier, and more digital recovery.
- Pillar of the **Next Generation EU**, was the promotion of the development of National Recovery and Resilience Plans (NRRPs) → allocating **€672.5 billion** to **Member States (MS)**.

6 pillars of the Recovery and Resilience Facility

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## RESEARCH QUESTIONS

- How are NRRPs currently **integrating the forestry sector**?
- Are there **trends and key forest-related themes** emerging from the NRRPs?
- Can the forestry sector be considered as a **priority topic** in NRRPs, based on **financing** made available for forests through these plans?
- In which direction **innovation** is addresses within the forest sector?
- What **recommendations** and orientations could be proposed to policy makers in view of NRRPs revisions and/or future submissions?

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## METHODOLOGY

- The NRRP presented by each MS have been collected from the dedicate website of the European Commission (EC).
- Text analysed through translated keywords: "forest\*", "silviculture\*", "wood\*", "biomass", "tree\*", "ecosystem service\*", "innovation\*", and "forest fund"
- Forest sector mentioned:
  - *directly* (forest-related themes are present on a dedicate chapter, sub-chapter, or investment section)
  - *indirectly* (forest appears embedded in chapters dealing with other sectors)
- Identify which **forestry-relevant themes** appear in NRRPs (12 themes identified)
- Analysis of the **amounts of investments** and budgets allocated to the forest sector
- Cluster analysis** to describe the member states according to forestry-relevant themes

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## RESULTS (1/4)

Among the 26 NRRPs analysed, in 4 cases no mention to forest was found (Austria, Ireland, Luxemburg, and Malta)

Homogeneous distribution between **direct** and **indirect** mention

Country	Circular bioeconomy	Green revolution/ ecological transition	Green jobs	Rural Development	Climate Adaptation/ natural hazard prevention	Climate Mitigation	Biodiversity	Sustainable Forestry	FES provision/ enhancement	Urban Nature-Based solution	Gender Balance and women inclusion	Innovation
Belgium	0	0	1	0	1	0	1	0	1	1	0	0
Bulgaria	0	0	1	1	1	1	1	0	1	0	0	0
Croatia	0	0	0	1	0	0	1	0	0	0	0	0
Cyprus	0	0	0	0	1	1	1	0	0	0	0	0
Denmark	0	0	0	0	0	1	1	0	0	1	0	0
Greece	0	0	1	1	1	0	1	0	1	0	0	0
Hungary	0	0	0	1	1	0	1	0	0	0	0	0
Italy	0	0	0	1	0	0	1	0	1	1	0	1
Poland	0	0	0	1	0	0	0	0	1	0	0	0
Romania	0	0	0	0	1	0	1	1	0	1	0	0
Spain	0	0	0	1	1	0	1	1	1	0	1	0
Sweden	0	1	0	0	0	0	1	0	1	0	1	0
Estonia	1	1	0	0	0	1	0	0	0	0	0	1
Germany	1	0	1	0	0	1	0	1	0	0	0	1
Latvia	0	1	0	0	1	0	0	0	0	0	0	1
Lithuania	1	0	0	0	0	0	0	0	0	0	0	1
Czechia	0	1	0	1	1	1	1	1	1	0	0	0
Finland	1	0	0	0	1	1	1	1	1	0	0	1
France	1	0	0	1	1	1	1	1	1	0	0	1
Portugal	1	0	1	1	1	1	1	1	1	0	0	1
Slovakia	1	1	1	0	1	1	1	1	1	1	0	1
Slovenia	1	1	1	0	1	1	1	1	0	0	0	1

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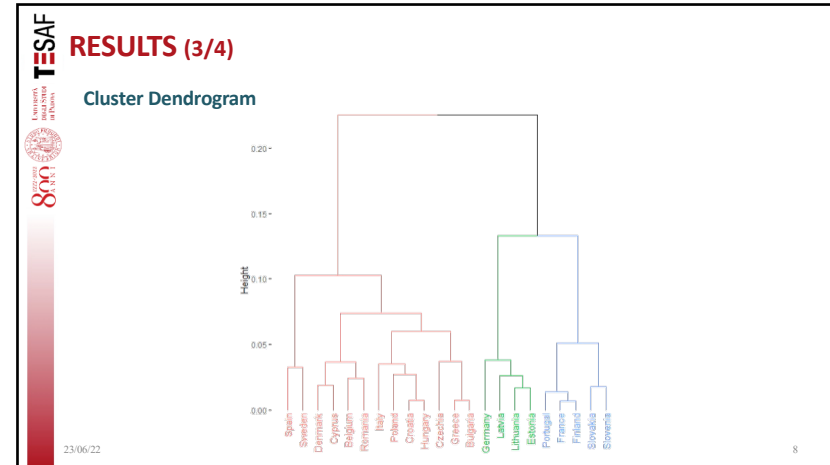
**TESAF RESULTS (2/4)**  
 Budgets allocated to the forest sector

Country	Financed actions	% of NRRP funds
Sweden	Compensation for restrictions on land use of valuable forests	7.66%
Romania	Afforestation	5.12%
Portugal	Landscape Transformation of Vulnerable Forest Territories	2.35%
	Fuel management lanes - primary network	
Slovenia	construction of the Center for Seed, Nursery and Forest Protection	2.16%
	Greater wood processing for a faster transition to a climate-neutral society	
Finland	Climate action in the land use sector	1.43%
Greece	National Reforestation Plan	0.73%
France	Adaptation of forests to climate change, forest restoration	0.38%
Germany	Investment for the development of wood sustainable building	0.27%
Czechia	Investment on built forests resistant to climate change	0.17%
	Water retention in forests	

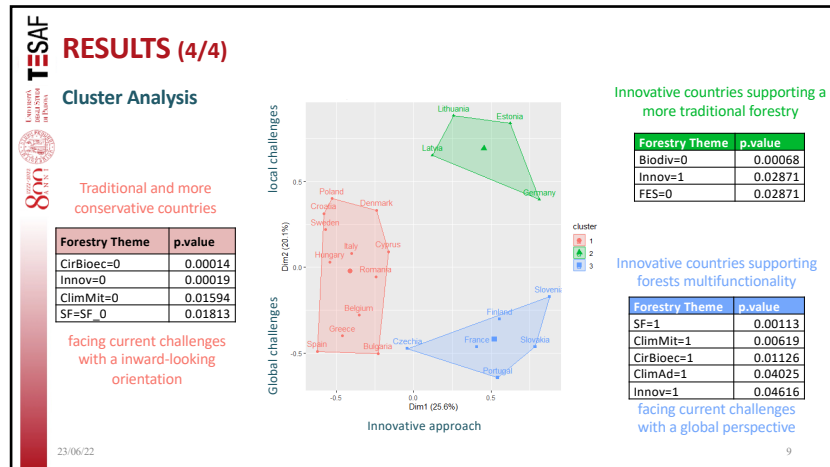
more ambitious forest actions

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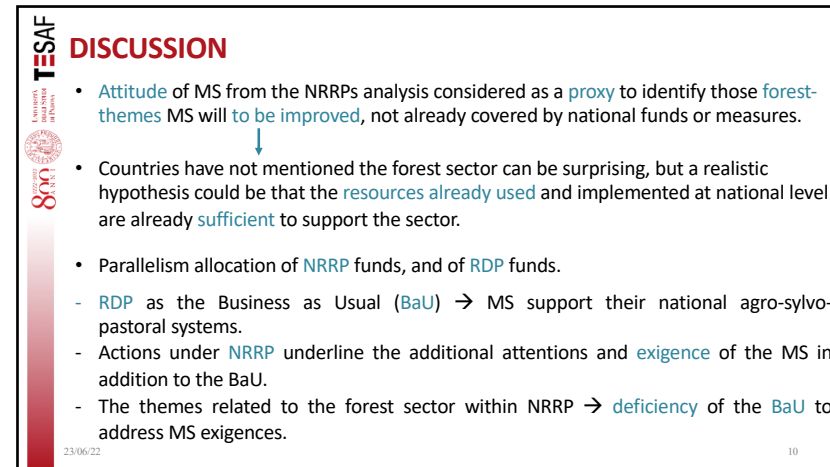
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## RECOMMENDATIONS

- Take stock of the **diversity of approaches** for integrating forests in NRRPs considering **lessons learned** and good practices from **other EU countries**.
- Consider **existing national forest strategies** and policies, as well as the new **EU forest strategy**, in order to align key **orientations** with the content of NRRPs.
- Promote **multiple forest ecosystem services**, introducing **innovative practices** to support both public and private forest owners in their provision.
- **Recognise** the role of the forest sector for a **wood-based bioeconomy** as a catalyst for **green jobs** creation and ensuring a resilient development of rural areas.
- **Support** the use of **payment of ecosystem services** schemes and of relevant **domestic funds** as ways to channel NRRPs resources to local beneficiaries and forest stakeholders.
- Promote **EU-level dialogues** on the **importance of forests** in NRRPs and help **mainstream** the **forest sector** in the **plans** and **strategies** of key ministries, in particular the Finance Ministries.

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## CONCLUSION

- **Clusters analysis NRRPs** does not pretend to characterise the whole policies of the MS but describe trends appearing once extra funds are allocated.
- **Further researches** could include:
  - **national level analysis**, to details linkages between national contexts and the forest-related content of the NRRP;
  - further assessment of the **trends in geo-climatic regions** with similar forest-related issues.

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**THANK YOU FOR YOUR ATTENTION!**

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